Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100223\
Data File : BG059246.D
Acq On : 2 Oct 2023 12:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020579

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 02 23:57:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	57426	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	296164	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.868	164	201606	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.611	188	457983	20.000	ng/ul	0.00
79) Chrysene-d12	21.918	240	408563	20.000	ng/ul	0.00
88) Perylene-d12	25.396	264	482605	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	12854	8.448	ng/uL	0.00
4) Pyridine-d5	3.957	84	101901	22.953	ng/ul	0.00
7) Phenol-d5	7.359	99	131332	22.847	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	79074	21.534	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	92602	23.965	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	99966	22.498	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	46615	22.305	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	50933	24.825	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	95756	22.720	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	146311	21.456	ng/ul	0.00
46) Dimethylphthalate-d6	14.262	166	305913	20.987	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	363939	19.892	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	49975	19.634	ng/ul	0.00
60) Fluorene-d10	15.855	176	279153	20.122	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	45561	19.354	ng/ul	0.00
73) Anthracene-d10	17.711	188	420859	20.168	ng/ul	0.00
81) Pyrene-d10	19.985	212	471364	20.602	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.156	264	465746	20.083	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	13938	7.797	ng/uL	98
5) Pyridine	3.980	79	100351	22.259	ng/ul	90
6) Benzaldehyde	7.376	77	62026	24.571	ng/ul	90
8) Phenol	7.382	94	129511	22.649	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.647	93	103221	22.010	ng/ul	96
12) 2-Chlorophenol	7.782	128	93949	23.060	ng/ul	97
13) 2-Methylphenol	8.657	108	91907	21.273	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.740	45	221720	21.386	ng/ul	98
16) Acetophenone	9.074	105	156049	22.676	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.039	70	77789	22.285	ng/ul	99
18) 4-Methylphenol	8.992	108	106191	23.199	ng/ul	88
19) Hexachloroethane	9.315	117	36983	23.042	ng/ul	98
22) Nitrobenzene	9.474	77	109498	21.225	ng/ul	94
23) Isophorone	9.979	82	234411	21.130	ng/ul	99
25) 2-Nitrophenol	10.185	139	51768	22.901	ng/ul	92
26) 2,4-Dimethylphenol	10.208	107	107341	22.207	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.461	93	149015	21.288	ng/ul#	95
29) 2,4-Dichlorophenol	10.702	162	97263	23.216	ng/ul	91
30) Naphthalene	11.125	128	339933	21.407	ng/ul	96
32) 4-Chloroaniline	11.242	127	142601	21.869	ng/ul	98
33) Hexachlorobutadiene	11.354	225	59483	21.214	ng/ul	99
34) Caprolactam	12.024	113	30378m	20.956	ng/ul	
35) 4-Chloro-3-methylphenol	12.324	107	104057	23.278	ng/ul	95
36) 2-Methylnaphthalene	12.711	142	222593	21.398	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	231506	21.927	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.052	216	115365	19.114	ng/ul	99
40) Hexachlorocyclopentadiene	13.005	237	65774	17.666	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.299	196	76793	20.781	ng/ul	89
42) 2,4,5-Trichlorophenol	13.369	196	82811	21.356	ng/ul	95
43) 1,1'-Biphenyl	13.704	154	315772	19.394	ng/ul	96
44) 2-Chloronaphthalene	13.757	162	241796	19.724	ng/ul	98
45) 2-Nitroaniline	13.975	65	77983	22.552	ng/ul	99
47) Dimethylphthalate	14.309	163	298289	19.980	ng/ul	98
48) 2,6-Dinitrotoluene	14.456	165	57753	22.744	ng/ul	88
50) Acenaphthylene	14.597	152	389634	19.952	ng/ul	98
51) 3-Nitroaniline	14.791	138	62381	22.757	ng/ul	93
52) Acenaphthene	14.932	153	269938	20.138	ng/ul	91
53) 2,4-Dinitrophenol	14.985	184	19973	14.150	ng/ul	87
55) 4-Nitrophenol	15.073	109	36334	20.236	ng/ul	89
56) Dibenzofuran	15.261	168	360698	20.300	ng/ul	97
57) 2,4-Dinitrotoluene	15.232	165	82686	21.992	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.473	232	76682	21.845	ng/ul	95
59) Diethylphthalate	15.655	149	296662	20.554	ng/ul	94
61) Fluorene	15.908	166	300327	20.130	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.890	204	153536	20.644	ng/ul	98
63) 4-Nitroaniline	15.955	138	55052	21.823	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.978	198	49579	19.974	ng/ul#	91
67) N-Nitrosodiphenylamine	16.113	169	247003	20.233	ng/ul	98
68) 4-Bromophenyl-phenylether	16.789	248	90125	20.313	ng/ul	93
69) Hexachlorobenzene	16.877	284	102242	20.398	ng/ul	95
70) Atrazine	17.047	200	96728	20.837	ng/ul	93
71) Pentachlorophenol	17.235	266	57505	19.934	ng/ul	98
72) Phenanthrene	17.658	178	513758	20.441	ng/ul	99
74) Anthracene	17.747	178	518352	19.973	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.663	216	119820	19.853	ng/uL	99
76) Pentachlorobenzene	15.156	250	119443	20.043	ng/uL	99
77) Carbazole	18.029	167	438587	20.735	ng/ul	99
78) Di-n-butylphthalate	18.528	149	522087	20.822	ng/ul	99
80) Fluoranthene	19.650	202	578213	20.514	ng/ul	97
82) Pyrene	20.015	202	613951	20.565	ng/ul	97
83) Butylbenzylphthalate	20.872	149	224768	21.349	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.812	252	200974	21.241	ng/ul	100
85) Benzo(a)anthracene	21.895	228	585241	20.349	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.724	149	337019	21.081	ng/ul	100
87) Chrysene	21.965	228	548539	20.194	ng/ul	99
89) Di-n-octyl phthalate	23.017	149	569259	20.281	ng/ul	100
90) Benzo(b)fluoranthene	24.268	252	588333	19.904	ng/ul	97
91) Benzo(k)fluoranthene	24.345	252	609595	20.354	ng/ul	98
93) Benzo(a)pyrene	25.232	252	568977	20.291	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.404	276	636006	20.037	ng/ul	99
95) Dibenzo(a,h)anthracene	29.492	278	510089	19.761	ng/ul	98
96) Benzo(g,h,i)perylene	30.690	276	505887	19.601	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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